



Philips
Car entertainment system

SD/SDHC card slots
CD playback



CEM220X



Seamless music enjoyment on the road

with CD, MP3 & WMA music playback

Philips CEM220X lets you seamlessly enjoy multiple source music from CD, USB, SD & portable MP3 players in your car. It features anti-theft detachable front panel for security, and anti-shock protection for smooth grooves on the go.

Enjoy your digital music in car

- CD player and MP3 Link for music playback
- USB Direct and SD card slots for MP3/WMA playback

Superb performance in a compact design

- Built-in 50W x 4 amplifiers for excellent sound quality
- 3-band parametric equalizer with 8 presets
- Dynamic Bass Boost electronically enhances the low tones
- Super anti-shock protection for smooth music enjoyment
- Audio out for amplifier addition

Design that blends into your car

- High contrast LCD with LED illumination (Blue/Red)
- Detachable flip-down front panel for anti-theft security
- Intuitive interface for easy navigation
- User friendly remote control for quick song access

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Specifications

Display

- Type: High contrast B/W LCD (8 characters)
- Key illumination: Blue/Red

Audio Playback

- Playback Media: CD, CD-R, CD-RW, MP3-CD, WMA, WMA-CD
- Compression format: MP3, WMA, WMA9
- Disc Playback Modes: Fast Forward/Backward, Introsan, Next/Previous Album Search, Next/Previous Track Search
- MP3 bit rates: 32-320kbps and variable bit rate
- ID3 Tag support: Song title, artist, album
- USB Direct / SD Modes: Play/Pause, Fast Backward/Fast Forward, Previous/Next, Repeat, Shuffle

Tuner/Reception/Transmission

- Tuner Bands: AM, FM Stereo
- Auto digital tuning
- No. of preset stations: 18(FM), 12(AM)
- Tuner Enhancements: Auto search and store

Sound

- Output power (MAX): 50Wx4 channels
- Output power (RMS): 24Wx4 channels (4 ohms, 10% T.H.D.)
- Equalizer: 3-bands

- Equalizer settings: Classic, Jazz, Pop, Rock, Flat, Optimal, Techno, User defined
- Sound Enhancement: Dynamic Bass Boost

Connectivity

- USB: USB 2.0 Host
- Memory card: SD, SDHC
- MP3-Link: For portable MP3 music playback
- Sub-woofer preamp output: With gain control
- Preamp output: 1 pair RCA(L/R)

Security/Anti-theft

- Front panel: Detachable & flip-down
- Display blackout: 10/20 sec selectable

Accessories

- Remote control: Slim remote with battery
- Quick start guide: Brazilian Portuguese, Spanish
- Optional frame: Silver color
- User Manual: Brazilian Portuguese, Spanish

Power

- Power supply: 12V DC

Dimensions

- Product dimensions (W x H x D): 188 x 58 x 190 mm
- Chassis: 1 Din



Highlights

DBB Dynamic Bass Boost



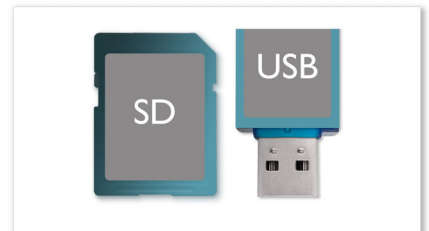
Activate the Dynamic Bass Boost (DBB), and the low-end bass frequencies are electronically enhanced to achieve consistent sound reproduction, especially when the speaker volume is set at a low level. You hear impressive bass at all times.

Detachable front panel



Detachable flip-down front panel for anti-theft security

USB Direct and SD card slots



Thanks to the complete file transferability, you can easily enjoy the convenience and fun of accessing more digital music via the built-in USB Direct and SD card slots.



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